

ABSTRACT

The present invention provides a process for the preparation of deactivated rice bran lipase by

- a) extracting lipase enzyme from rice bran and purifying the said lipase enzyme using a salting out agent to obtain active lipase enzyme;
- b) preparing a ligand in the ratio of 1:10, 1: 100, 1:250, 1: 750 and 1:1500 mole to mole ratio of protein to ligand;
- c) mixing the said active lipase enzyme and the ligand and adding to it a substrate, followed by the addition of an activator such as CaCl_2 in a concentration of 0.1 M;
- d) incubating the mixture thus obtained for 4 hours to check for activity,
- e) separating the deactivated lipase enzyme from the mixture.